

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 053138-1214 - Diesel Engine

Sample No: LH0279472

Oil Type: DIESEL ENGINE OIL SAE 40



SAMPLE INFORMATION

Sample Number	LH0279472	LH0270021	LH0260728	LH0242939
Sample Date	29 Dec 2023	24 Aug 2023	31 May 2023	07 Feb 2023
Machine Hours	18557	18035	17526	16946
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

GDS VALORIBOIS INC.

80 RUE DU PARC INDUSTRIEL

MATANE, QC

CA G4W 2P6

Contact: Service Manager



OIL CONDITION

Visc @ 100°C	cSt	13.5	13.8	13.3	13.3
Oxidation (PA)	%	60	59	58	58

T:

F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Soot %	%	0	0	0	0
Nitration (PA)	%	63	60	58	53
Sulfation (PA)	%	51	51	51	55
Glycol	%	NEG	NEG	NEG	NEG
Fuel	%	<1.0	<1.0	<1.0	<1.0
Silicon	ppm	5	8	6	6
Sodium	ppm	1	2	<1	2
Potassium	ppm	2	5	<1	<1

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	3	4	3	2
Copper	ppm	2	2	1	2
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	2	1	1
Chromium	ppm	0	<1	0	0
Molybdenum	ppm	56	59	58	58
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	1045	1108	1074	1091
Magnesium	ppm	943	992	950	959
Zinc	ppm	1170	1238	1158	1176
Phosphorus	ppm	993	1041	1064	1080
Barium	ppm	0	<1	0	0
Boron	ppm	<1	2	1	2

Depot: GDSMAT

Unique No: 5707974

Signed: Wes Davis

Report Date: 08 Jan 2024



GRAPHS

